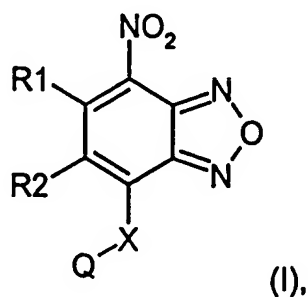


## ABSTRACT

The object of the present invention is the use of 4-nitro-2,1,3-benzoxadiazole derivatives of general formula (I) as dye in colorants for keratin fibers such as, for example, wool, silk, furs or hair and particularly human hair



In formula (I)

X denotes oxygen, sulfur or  $\text{NR}^a$ ,  $\text{R}^a$  standing for hydrogen, a  $(\text{C}_1\text{-C}_4)$ -alkyl group, a monohydroxy- $(\text{C}_1\text{-C}_4)$ -alkyl group, a polyhydroxy- $(\text{C}_2\text{-C}_4)$ -alkyl group or a mono- $(\text{C}_1\text{-C}_4)$ -alkoxy- $(\text{C}_1\text{-C}_4)$ -alkyl group,

**R1** and **R2** can be equal or different and independently of each other denote hydrogen, a halogen atom, a  $(\text{C}_1\text{-C}_4)$ -alkyl group, a halogen-substituted  $(\text{C}_1\text{-C}_4)$ -alkyl group, a  $(\text{C}_1\text{-C}_4)$ -alkoxy group, a nitro group or an  $\text{NR}^b\text{R}^c$  group, the  $\text{R}^b$  and  $\text{R}^c$  groups being equal or different and independently of each other denoting hydrogen, a  $(\text{C}_1\text{-C}_4)$ -alkyl group, an optionally substituted aromatic carbon ring or a  $(\text{C}_1\text{-C}_4)$ -alkanecarbonyl group, or  $\text{R}^b$  and  $\text{R}^c$  together with the nitrogen atom forming a heterocyclic  $(\text{C}_3\text{-C}_6)$  group, and **Q** denotes hydrogen, an aliphatic group, an aromatic isocyclic group or an aromatic heterocyclic group.